

ROANOKE COUNTY SYSTEM OF ENVIRONMENTAL MANAGEMENT

Objectives and Targets

Significant Aspect: Energy Consumption
Objective: Reduce energy use in various County buildings
Target 1.1: Reduce Energy Use at the Water Treatment Plant, Public Safety Building, Administration Center and Courthouse

CONSIDERATIONS FOR ESTABLISHING THE OBJECTIVE AND TARGET

Policy Component: Reduction of Energy Use is an indirect attempt to prevent pollution; reduces reliance on energy; brings issue to attention of County government; gains publicity and serves as a role model for other government entities.

Technological Options: Computer energy system; motion light sensors and motion power strips.

Business/Financial Considerations: Saved energy equals saved money; good public relations aspect of being environmentally friendly; financial/business considerations may prohibit some energy saving measurements – the cost of capital investment, even if cost effective, may be too high to be considered.

Views of Interested Parties: County employees who work in various facilities; Board of Supervisors; and citizens.

Legal Requirements: Not applicable.

Significant Aspect: Energy consumption.

ENVIRONMENTAL MANAGEMENT PROGRAM TO ACHIEVE THE OBJECTIVES AND TARGETS:

Person(s) Responsible: John Patten/Bob Benninger

Date Due: March 2004 – Budget FY04

Means: 300 hours, budget as needed

Methods: Purchase and install additional software and hardware designed to reduce energy use.

Significant Aspect Requirements:

1. **Monitor/Measurement Method:** Measure electricity and natural gas by BTU per square foot for Public Safety Center, Roanoke County Administration Center, and Kessler Mill facility, after a year of using operational controls.
2. **Operational Control Procedure:** Prepare a flyer informing employees on how they can help conserve energy in County buildings. The Training Sub-Committee will be responsible for developing the flyer and the deadline is June 30, 2003.
3. **Competence of Personnel Who May Create a Significant Impact:**
4. **Training:** On-going reinforcement of recommendations via e-mail notification. Anne Marie Green has assumed responsibility for this communication and will begin notify e-mails on July 1, 2003.

Date Created: June 23, 2003

Date Reviewed:

Reviewer Rating: